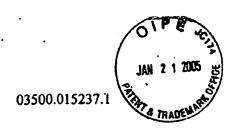
## PATENT APPLICATION FLE DETERMINATION RECORD Effective December 8, 2004 **CLAIMS AS FILED - PART I** SMALL ENTITY OTHER THAN TYPE [ **SMALL ENTITY** OR' (Column 1) (Column 2) **TOTAL CLAIMS** RATE FEE RATE FEE OR BASIC FEE BASIC FEE NUMBER EXTRA **NUMBER FILED** FOR TOTAL CHARGEABLE CLAIMS X\$ 25= X\$50= minus 20= OR INDEPENDENT CLAIMS minus 3 = X200= X100= OR MULTIPLE DEPENDENT CLAIM PRESENT +180= +360= OR \* If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR OTHER THAN **CLAIMS AS AMENDED - PART II SMALL ENTITY** OR **SMALL ENTITY** (Column 1) (Column 2) (Column 3) HIGHEST CLAIMS, ADDI-ADDI-REMAINING NUMBER PRESENT M121105 TIONAL TIGNAL RATE RATE **PREVIOUSLY EXTRA AFTER** FEE FEE. PAID FOR AMENDMENT ao O X\$50= Minus 0 X\$ 25= Total OR Independent Minus X20Ø= X100= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +360= +180**≟** OR 28,60 TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 2) (Column 3) (Column 1) HIGHEST CLAIMS ADDI-ADDI-REMAINING NUMBER 8 **PRESENT** TIONAL TIONAL RATE RATE ENT **AFTER PREVIOUSLY EXTRA** PAID FOR FEE FEE **AMENDMENT** Total Minus MEND X\$ 25= X\$50= OR Independent Minus X100= X200= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +180= +360= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT **AFTER PREVIOUSLY** RATE TIONAL RATE TIONAL **EXTRA AMENDMENT** PAID FOR FEE FEE Total Minus X\$50= X\$ 25= OR Independent Minus X200= X100= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +360= +180= OR

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Enter PATENT APPLICATION WI PCZ 41-21-05

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:		)	
	11	:	Examiner: L. Ben
MIKIYA UMEYAMA ET AL.		)	
		:	Group Art Unit: 2873
Application No.: 10/629,864		)	
••		:	
Filed: July 30, 2003		)	•
	•	:	
For:	LIQUID DISCHARGE RECORDING	)	
	HEAD, LIQUID DISCHARGE	:	
	RECORDING APPARATUS, AND	)	
	METHOD FOR MANUFACTURING	. <b>:</b>	
	LIOUID DISCHARGE HEAD	)	January 21, 2005

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## PRELIMINARY AMENDMENT

Sir:

Prior to further examination on the merits, please amend the above-identified application as follows: